

This species is known from *G. Dorcas* by the softness of the fur, the absence of the dark streak on the side and on the edge of the anal disc; both these species have the under sides of the feet and the back edge of the tarsus white, while in *G. Dorcas* there is a tuft of soft black hair under the feet, and the back of the tarsus is red.

METEOROLOGICAL OBSERVATIONS FOR JULY 1846.

Chiswick.—July 1. Fine: cloudy. 2. Densely clouded. 3. Cloudy: clear and fine. 4. Sultry: hot and dry. 5. Excessively hot: showers: cloudy. 6. Fine: heavy showers. 7. Overcast and fine. 8. Overcast: rain. 9. Overcast: heavy rain. 10. Showery. 11. Overcast: light clouds and fine. 12. Clear and fine. 13. Cloudless and hot. 14. Hot breeze. 15. Overcast: fine. 16. Rain: densely overcast. 17. Cloudy and fine. 18. Constant rain: cloudy and fine. 19. Showers. 20. Very fine. 21. Fine: cloudy. 22. Hot and dry. 23. Cloudy: clear and fine. 24. Overcast: rain. 25, 26. Very fine. 27—29. Cloudy and fine. 30, 31. Very hot.

Mean temperature of the month	65°·46
Mean temperature of July 1845	61·43
Mean temperature of July for the last twenty years ...	62·96
Average amount of rain in July	2·38 inches.

Boston.—July 1. Fine: rain P.M. 2. Fine. 3. Cloudy: 3 o'clock P.M. thermometer 80°. 4. Fine: 4 o'clock P.M. thermometer 84°. 5. Fine: 10 o'clock A.M. thermometer 87°: 12 o'clock A.M. 90°: hail and rain, with thunder and lightning, accompanied with a tremendous wind P.M.* 6. Windy: rain P.M. 7. Windy. 8. Cloudy: rain P.M. 9. Rain: rain P.M. 10. Rain. 11. Cloudy. 12. Fine. 13. Cloudy. 14. Fine: 3 o'clock P.M. thermometer 81°. 15. Fine. 16. Fine: rain P.M. 17. Fine. 18. Cloudy: rain P.M. 19. Cloudy. 20. Fine. 21. Cloudy: rain P.M. 22, 23. Cloudy. 24. Cloudy: rain P.M. 25, 26. Fine. 27. Cloudy: rain early A.M. 28. Cloudy: 2 o'clock P.M. thermometer 81°. 29—31. Fine.—I cannot find so hot a month in all my journal except last month.

Sandwich Manse, Orkney.—July 1. Cloudy. 2. Cloudy: rain: clear. 3. Rain: cloudy. 4. Drizzle: clear. 5. Cloudy: rain. 6. Cloudy: drizzle: showers. 7. Drizzle: showers. 8. Bright: clear. 9. Cloudy: clear. 10. Bright: cloudy. 11. Cloudy: rain. 12. Fog. 13. Fog: rain. 14. Cloudy. 15. Showers: clear. 16. Bright: clear. 17. Cloudy: showers. 18. Bright: drizzle. 19. Showers: clear. 20, 21. Bright: showers. 22. Fog: showers: clear. 23. Cloudy: drops: clear. 24. Cloudy: clear. 25. Bright: drops. 26. Clear: cloudy. 27. Bright: cloudy. 28. Showers: clear. 29. Clear: fine. 30. Bright: fine. 31. Fog: fine.

Applegarth Manse, Dumfries-shire.—July 1. Showers all day. 2. Showers A.M.: fine P.M. 3. Wet morning: cleared. 4. Fair and fine. 5. Fine A.M.: thunder and rain P.M. 6. Tremendous rain. 7. Very fine. 8. Rain P.M. 9. Rain. 10. Fair and fine. 11. Fine: slight drizzle. 12. Wet morning: cleared. 13. Fair, but threatening. 14. Very fine. 15. Showers P.M. 16. Showery. 17. Fine: showers. 18. Slight showers. 19. One slight shower. 20. Fine: slight shower. 21, 22. Showery all day. 23. Wet all day. 24. Showers. 25. Fair and fine. 26. Rain P.M. 27. Drizzly. 28. Dropping day. 29—31. Fine: fair.

Mean temperature of the month	59°·2
Mean temperature of July 1845	56·2
Mean temperature of July for 23 years	58·1
Mean rain in July for 18 years	3·90 inches.
Mean rain in July	5·79 „

* The hottest day since 31st July 1826.